



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jiang Hsieh

Art Unit: 2623

Serial No.: 09/557,108

Examiner: Chong R. Kim

Filed: April 24, 2000

For: METHODS AND APPARATUS  
FOR HELICAL  
RECONSTRUCTION FOR  
MULTISLICE CT SCAN

## AMENDMENT

Box: Non-Fee Amendment  
Hon. Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 14, 2003, please amend the above-identified patent application as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning on page 8, line 2, and ending on page 8, line 7, with the following replacement paragraph.

In this notation,  $x_1$ ,  $x_2$ , and  $x_3$  are x-axis coordinates of locations of measured signals, and  $x$  is the location of the signal to be estimated. The weights used in linear interpolation are calculated based on a relative distance of the two points to the interpolation location. Combined weights for points  $x_1$ ,  $x_2$ , and  $x_3$  (denoted by  $q_1$ ,  $q_2$ , and  $q_3$ , respectively) are written as: